

Typology and Properties of Soils Developed From  
Boulder Loams. Part I. Brown and Pseudopodzic Soils  
of Forest Terrains, by A. Musierowicz, Z. Brogowski,  
96 pp.  
POLISH, per, Roczniki Gleboznawcze, Vol 17, 1957,  
pp 29-129.  
NTIS TT 70-55040

Nov 71

Some Microelements in Sedimentary Architectures  
24 pp.  
POLISH, per. Rocznik Gleboznawstwa, Vol. Dz.  
1960, pp. 5-25.  
O1B 61-31221  
PL-480

Sci - Earth Sci  
Jul 64

263,077

The Present State of Soil Classification  
in Europe, by M. Strzemski, ~~xx~~37 pp.

POLISH, per, Rozniki Gleboznawcze, Vol IX,  
1960, pp 49-85.

OTS 65-50323  
SFCSI

Sci  
Apr 65

Preliminary Investigations on the Participation of  
Soil Organic Matter in the Sorption of Exchange  
Cations, by Jan Stora,  
POLISH, per, Roczniki Gleboznawstwa, Vol 9, No 2,  
1960, pp 37-66.  
OTS 61-11348

Sci/Earth Sci  
May 65

279,478

Project of Nomenclature of Soil Horizons,  
by A. Kowalkowski, 22 pp.  
POLISH, per, Roczniki Gelboznawstwa, Vol IX,  
No 1, 1960, pp 67-88.

OTS 65-50318

SFCSI

Sci  
Apr 65

Piszczek, Józef.

GENERAL CHARACTERISTIC OF THE SOILS IN  
SZCZECIN PROVINCE (Ogólne Charakterystyka Gleb  
Województwa Szczecinskiego) tr. by E. Strasburger.  
1963 [17]. 20 refs. PL-480 Agr.  
Order from OTS \$0.50

61-31324

Trans. of Roczniki Gleboznawcze (Poland) 1960, v. 9,  
p. 87-101.

DESCRIPTORS: \*Soils, Poland, Terrain, Climate,  
Geology, Rocks, Sand, Peat, Silt.

(Earth Sciences--Geology, TT, v. 9, no. 8)

61-31324

I. Piszczek, J.  
II. PL-480 Agr (61-31324)  
III. National Science Foundation, Washington, D. C.

Office of Technical Services

Total, Active and Inert Chlorine Minerals in  
Soils of Lower Pajares, by A. M. G. T. S.  
K. Czarnowski, M. J. R.  
POLISH, per, Rocznik Geologiczny, Vol. XX, 1960,  
pp. 137-141.  
OTS 61-31825  
PL-480

Sci - Agrl  
Jul 64

263,071

Distribution of Alpha Activity in the Soil  
Profile, by S Zmyslowska, 2 pp.

POLISH, per, Rocznik Gleboznawczy, 9, Suppl.,  
1960, pp 149-150.

MEH 6-18-62

Sci - Geophys

Sep 62

Temperature and Moisture Dynamics in Brown  
and Pseudo-podzolic Soils of the Warsaw  
Environs with Consideration of Irrigated  
Light Soils, by Arkadiusz Musierowicz,  
POLISH, per, Roczniki Gleboznawcze, Vol 13,  
1963, pp 17-31.  
\*CISTI TT- 66- 57014

EE-Poland  
Sci/Earth Sci  
Jan 66

Browning and Leaching Processes in Romanian  
Mountain Soils, by Krystyna Konecka-Betley,  
POLISH, per, Roczniki Gleboznawstwa, Vol XIII,  
No 1, 1963, pp 51-56.  
CPSTI TT 50317

Sci-Bar Sci  
Feb 67

318,959

Dynamics of Soil Water Storage in Soils  
Under Oak stands of the Debina Forest  
District, by Alojzy Kowalkowski, 11 pp.  
POLISil, per, Roczniki Gleboznawze, Vol XIII,  
1963, pp 67-77.

OTS 65-50319

SFCI

Sci  
Apr 65

Water-Air Conditions in Soils of the Middle  
Climatic Zone of Poland, by Halina Krol.  
POLISH, per, Roczniki Gleboznawcze, Vol 13,  
No 1, 1963, pp 111-141.  
CSTI TT-66-57013

.Sci/Math Sci  
Sep 67

339,576

Some Investigations on the Genesis of Parent Rocks of  
Soils in the Vicinity of Nowe Miasto, Great Poland  
Region, by Alojzy Kowalkowski, 6 pp.  
POLISH, per, Roczniki Gleboznawcze, Vol 13, No 1,  
1963, pp 237-244.  
NTIS TT 70-55045

April 71

Some Geomorphological Problems in Pedological Field  
Investigations, by Alojzy Kowalkowski, 7 pp.  
POLISH, per, Roczniki Gleboznawcze, Vol 13, 1963,  
pp 131-137.  
NTIS TT 70-55044

April 71

Ann Attempt to Apply Statistical Methods to  
the Solution of Problems in Soil Systematics,  
by Z. Prusinkiewicz  
POLISH, per, Roczniki Gleboznawcze, Vol 14,  
1964, pp 285-293  
NTC 71-16771-02D

Feb 72

Investigations on the Mycotrophy of the Common Fir  
(*Abies Alba* Mill.) in Natural Associations of the  
Swietokrzyskie Mountains, by Roman Pachlewski, 15 y

POLISH, per, Rozenki Nauk Leśnych, Vol XI, 1955,  
pp 111-129. 9037253

OAS 60-21391  
PL-480

Sci - Biol

Jun 62

201, 175

Accuracy of Photogrammetric Measurements of Tree and  
Stand Heights, by Mieczyslaw Stanecki, 11 pp.

POLISH, per, Roczniki Nauk Leśnych, Vol. XXXI, 1955,  
1955, pp 45-55. 9206358

FZ-480  
035 61-11326

Soc - Biol & Med Soc

234,992

Jun 63

Tentative Proposal for a New Classification Scheme of  
Ectotrophic Mycorrhizae Established on Morphological  
and Anatomical Characteristics, by Tadeusz Dominiak,  
17 pp.

POLISH, per, Roczniki Nauk Leśnych, Vol XIV, 1956,  
pp 223-245. 9087248

OTB 60-21363  
PL-480

Sci - Biol

201, 165

Jun 62

Dominik, Tadeusz.

MYCOTROPHY OF POPLARS IN THEIR NATURAL ASSOCIATIONS IN POLAND (Mikotrofizma Topoli w Ich Naturalnych Zespolach na Terenie Polski) tr. by I. Wierzbicka. 1961 [16]p. 12 refs. PL-480 Agr. Order from OTS \$0.50  
60-21382

Trans. of Roczniki Nauk Lasyowych (Poland) 1956, v. 14, p. 247-266. 70-11947

DESCRIPTORS: "Trees, Growth, Ecology, "Fungi, Nitrogen, Soils, Seeds, Spores, Climatic factors.

Investigations were carried out on the Odra River between Wrocław and Opatowice, on the Vistula River between Włocławek and Toruń, and on the rubbles and ruins of the central part of Wrocław. A succession of various infections seems a natural phenomenon with poplars in the natural state of growth and under con- (Agriculture--Plant Cultivation, TT, v. 7, no. 9)(over)

60-21382

- I. Title: Symbiosis
- II. Dominik, T.
- III. PL-480 Agr (60-21382)
- IV. National Science Foundation, Washington, D. C.

Office of Technical Services

Studies on Symbioses of Some Foreign Coniferous Trees Acclimatized in Poland, by  
T. Lominik,  
POLISH, per, Roczniki Nauk Rolniczych i  
Lesnych, Vol XXXVI, 1936, pp 24-112.  
CSTI TT 65-50360

Sci-B&H  
Jan 67

316,666

<p>Dominik, Tadeusz. <b>OBSERVATIONS AND CONSIDERATIONS ON THE DUTCH ELM DISEASE CAUSED BY GRAPHIUM ULMI SCHWARZ</b> (Spotrezerzenia i Rozwazania nad Holenderska choroba Wiazow Powodowana Przez Graphium Ulmi Schwarz) tr. by S. Lukomski. 1961 [6p. PL-480 Agr.] Order from OTS \$0.50</p> <p>Trans. of [Roczniki Nauk Rolniczych] (Poland) 1937. v. 38, [no. 1] p. 134-140.</p> <p>DESCRIPTORS: *Trees, *Diseases, Plants, *Fungi, Mutations, Fungus Infections.</p> <p>(Agriculture--Plant Cultivation, TT, v. 7, no. 7)</p>	<p>60-21485</p> <p>I. Title: Dutch Elm Disease I. Dominik, T. II. PL-480 Agr (60-21485) III. National Science Foundation, Washington, D. C.</p> <p>193, 978</p> <p>Office of Technical Services</p>	
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Investigation of Small Scale Nuclear Cleaned by Plotting  
on Slopes, by Zbigniew Martini,  
POLISH, per, Roczniki Nauk Politechnicznych, Vol 66, No 2,  
1953, pp 97-122.  
OTS 61-11341

Sci/Earth Sci  
May 65

279,484

Examination of Beeswax for the Presence of B. Larvae or  
B. Alvei Apores, by S. Kirkor.  
POLISH, per, Roczniki Nauk Rolniczych, Ser E, Vol 66,  
1953, pp 131-133.  
\*NTIS TT 71-54074

July 71

Sakowicz, Stanislaw and Zarnecki, Stanislaw.  
POOL-TYPE FISHWAYS: BIOLOGICAL ASPECTS IN  
THEIR CONSTRUCTION (Przepławki Komorowe:  
Biologiczno-Rybackie Zasady Projektowania) tr. by  
G. Bachrach, 1962, 138p. 36 refs. Pl.-480 Int.  
Order from OTIS \$1.50 60-21496

Trans. of Roczniki Nauk Rolniczych, Ser[ia] I:  
[Monografie] (Poland) 1954, v. 69, p. 5-171.

DESCRIPTORS: \*Fishes, Marine biology, \*Dams,

(Biological Sciences--Zoology, TT, v. 10, no. 5)

60-21496

- I. Title: Fishways
- I. Sakowicz, S.
- II. Zarnecki, S.
- III. Title: Biological ...
- IV. Title: Biologiczno ...
- V. PL-480 Int (60-21496)
- VI. National Science Foundation, Washington, D. C.

Office of Technical Services

A Colorimetric Field Method for Determining  
the Moisture Content of Soils and Ground, by  
Zbigniew Prusinkiewicz, 18 pp.

POLISH, par, Rocznik Nauk Rolniczych,  
Vol LIX, No 1, 1954, pp 77-78

CBS 60-21526  
PL-480

Sci - Geophys  
Feb 61

140, 196

<p>POLISH AGRICULTURAL ANNUAL, SERIES B: SELECTED ARTICLES, tr. by Maria Radziwill. 1962 (32)p. 34 refs. PL-480 Agr. Order from OTS \$0.50</p> <p>Trans. of Roczniki Nauk Rolniczych. Seria B (Zootechniczna) 1954, v. 67, no. 4, p. 473-486; 1959, v. 74, no. 4, p. 373-378; 1960, v. 75, no. 3, p. 283-299.</p> <p>DESCRIPTORS: *Cattle, Reproduction, Blood, *Leukocytes, *Milk, Milk fat, *Iodine, Agriculture.</p> <p>Contents:</p> <p>Attempt at evaluation of the breeding value of bulls on the basis of the blood leukocyte pattern, pt. 1, by S. Groblewska</p> <p>Evaluation of the breeding value of bulls on the basis of the blood leukocyte pattern, pt. 2, by S. Groblewska</p> <p>Changes in Iodine value of cow's milk, by L. Leonhard. (Agriculture--Animal Husbandry, TT, v. 8, no. 5)</p>	<p>60-21571</p> <p>I. PL-480 Agr (60-21571) II. National Science Foundation, Washington, D. C.</p> <p>Office of Technical Services</p>	
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Rys, Rajmund and Lazarak, Barbara.  
INVESTIGATIONS INTO THE METABOLISM OF  
COPPER AND MOLYBDENUM (Badania nad  
Metabolizmem Miedzi i Molibdenu) tr. by M. Radziwill  
1961 [6]p. 7 refs. PL-480 Agr.  
Order from OTS \$0.30

60-21418

Trans. of Roczniki Nauk Rolniczych. Seria B:  
(Zootechniczna) (Poland) 1953, v. 70, no. 1, p. 1-5.

DESCRIPTORS: "Metabolism, "Copper, "Molybdenum,  
Cattle, Food, Blood chemistry.

The addition of copper or molybdenum to the feed of  
cows caused a temporary rise in blood copper. It is  
concluded, on the basis of these observations, that  
there exists a certain mechanism which controls cop-  
per absorption from the alimentary tract. This mecha-  
nism is characterized by a certain inertia and its  
(Agriculture--Animal Husbandry, TT, v. 7, no. 7)  
(over)

60-21418

- I. Rys, R.  
II. Lazarak, B.  
III. PL-480 Agr (60-21418)  
IV. National Science Foundation,  
Washington, D. C.

193, 980

Office of Technical Services

Influence of Temperature on the Loss of  
the Carboxylic Groups during White  
Drying, by Z. W. WILKINS, J. POLYM. SCI.,  
POLYMER PHYS., READING INSTITUTE OF TECHNOLOGY, Vol. LXIX,  
No. 2, 1966, pp. 163-190.  
OTE 60-21576  
PL-480

Sci - Chem  
Aug 64

264,109

<p>Borowski, W. DETERMINATION OF THE CHARACTERISTIC HUMIDITY OF LIVESTOCK SHEDS (AND) TEMPERA- TURE, AIR HUMIDITY AND VENTILATION OF LIVESTOCK SHEDS (Okresialne Charakterystyczne) Wilgotnosci Pomieszczen Inventarskich (and) Tempera- tura i Wilgotnosc Warstw Powietrza Oraz Wentylacja Pomieszczen Inventarskich) tr. by Albert Radzivil. 1962 [22p. 21 refs. PL-480 Agr.] Order from OTS \$0.50</p> <p>Trans. of Roczniki Nauk Rolniczych, Ser[ia] B: [Zootechniczna] (Poland) 1959, v. 74, no. 1, p. 199-208 and [1960] v. 75, no. 1, p. 135-154.</p> <p>DESCRIPTORS: *Animals, *Shelters, *Humidity, Temperature, *Ventilation, Climatic factors  (Agriculture, TT, v. 8, no. 5)</p>	<p>60-21572</p> <p>I. Borowski, W. II. Title: Temperature... III. Title: Temperatura... IV. PL-480 Agr (60-21572) V. National Science Foundation Washington, D. C.</p> <p>7-20-62 Office of Technical Services</p>
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<p>Reager, Anna. SOLIFLUTION ON CULTIVATED SLOPES (Splys Gleb na Uprawianych Zboczach) tr. by J. Humnicka. 1961 [24p]. 13 refs. PL-480 Agr. Order from OTS \$0.30 60-21544</p> <p>Trans. of Roczniki Nauk Rolniczych. Ser[ies] P: (Mehoracj) i Uzytkow Zielonych (Poland) 1955. v. 71, no. 1, p. 21-42.</p> <p>DESCRIPTORS: *Soils. *Erosion. *Climatic factors. Plants. Growth</p> <p>Under climatic conditions prevailing in Poland solifluction usually takes place in spring on the still frozen subsoil layer after the surface soil has been loosened by the action of frost and oversaturated with water. No solifluction was observed on grass-covered or afforested areas. (Agriculture--Plant Cultivation, TT, v. 7, no. 9)(over)</p>	<p>60-21544</p> <p>I. Title: Solifluction I. Reager, A. II. PL-480 Agr (60-21544) III. National Science Foundation, Washington, D. C.</p> <p>31A 9091938</p> <p>Office of Technical Services</p>
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Birecka, Helena; Szymanska, Wieslawa, and  
Sawicka, Angela.

THE INFLUENCE OF LOW DOSES OF X-RAYS ON  
SOME SPECIES OF HIGHER PLANTS (Wplyw Niskich  
Dawek Promieni Rzeczywistego na Niektore Gatunki Roslin  
Wyszych) tr. by Z. Zarebska. 1962 [18]. 19 refs.  
PL-480 Agr.

Order from OTS \$0.50

61-11326

Trans. of Roczniki Nauk Rolniczych. Seria A:  
[Rolnictwo] (Poland) 1959, v. 79, no. 3, p. 911-925.

DESCRIPTORS: \*Plants (Botany), \*Seeds, \*Cells  
(Biology), \*X-rays, \*Radiation effects, Sensitivity,  
Growth, Stimulation.

The cumulative influence of irradiation of seeds with  
low doses of X-rays can be observed in the first days  
of plant growth and remain to the end of vegetation.  
(Biological Sciences--Radiobiology, TT, v. 9, no. 8)  
(over)

61-11326

- I. Birecka, H.
- II. Szymanska, W.
- III. Sawicka, A.
- IV. PL-480 Agr (61-11326)
- V. National Science Foundation, Washington,  
D. C.

Office of Technical Services

<p>Cryzyk, Wladyslaw. DISPLACEMENT OF SLOPE SOIL DUE TO PLOWING (Przesiewczanie Gleby na Zboczu pod Działaniem Orki) tr. by J. Humańska. 1962 [16]p. 5 refs. PL-480 Agr. Order from OTS \$0.50</p> <p>Trans. of Roczniki Nauk Rolniczych. Ser[ia] F: [Melioracji i Uzysku Zielenych] (Poland) 1955, v. 71, no. 1, p. 73-85.</p> <p>DESCRIPTORS: *Agricultural machinery. *Soils. *Erosion. Terrain.</p> <p>(Agriculture, TT, v. 8, no. 5)</p>	<p>60-21536</p> <p>I. Cryzyk, W. II. PL-480 Agr (60-21536) III. National Science Foundation, Washington, D. C.</p> <p>Office of Technical Services</p>
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<p>Hlivoicki, Roman. DISPLACEMENT OF SOIL AND THE SHAPE OF CULTIVATED FIELDS (Przesunięcie Gleb i Kształt Pol Uprawnych) tr. by J. Hunnicka. 1962 [27]p. 36 refs. Pl.-480 Agr. 17 17 Order from OTS \$0.50</p> <p>Trans. of Roczniki Nauk Rolniczych, Seria I: Mieliotaków i Czynników Zielonych (Poland) 1955, v. 71, no. 1, p. 90-109.</p> <p>DESCRIPTORS: *Soils, Soil mechanics, *Erosion, Inhibition, Agriculture.</p> <p>(Agriculture, PL, v. 9, no. 9)</p>	<p>60-21539 I. Hlivoicki, R. II. PL-480 Agr (60-21539) III. National Science Foundation, Washington, D. C.  9206503</p> <p>Office of Technical Services</p>
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A Natural Genetic Classification of Polish  
Soils,  
POLSKI, por., Kozmiki Nauk Rolniczych, Vol  
LXXIV, Ser B, 1956, pp 1-42, 78-80.  
•CFTI TT 67-56014

Sci-Mar Sci  
Doc 66

Computing Evaporation by Retention Deter-  
mination State Hydro-Meteorological  
Institute, by W. Stephan. 11p.  
POLISH, per, Roczniki Nauk Rolniczych  
Seria P Melioracji i Uzytkow Zielonych,  
Vol 71, 1956.  
ATB 35882R

Sci-E Sci  
Sept 66

310,407

Pathogenic Beauveria Oomycete Fungi of the Colorado  
Beetle, by Anna Blochka, 14 pg.

POLISH, per, Roczniki Nauk Rolniczych, Vol. 7,  
Ser. A, No. 2, 1957, p. 359-372. 9051622

ORS 60-21411  
PL 480  
170  
~~169~~, 644

Sci-Biol  
Oct 61

Feeding and Dispense of the Colorado  
Potato Beetle, by K. Larczak, 28 pp.  
Agric., ser., Roczniki Nauk Rolniczych,  
Warsaw 1957, Vol. 74, No. 1,  
pp. 137-514.  
CT. 60-21412

U.S.-761

SCI

Star 65

275,754

Attempt at Evaluation of the Breeding Value of Bulls  
on the Basis of the Blood Leukocyte Pattern, Part I,  
by Stanisława Grobalska, 14 pp.

POLISH, par., Roczniki Nauk Rolniczych, Vol. LXVII, Ser. B.,  
No 4, 1954, pp 473-486. 9091944

OSB 60-21571  
PL-480

Sci - Med

211,140

Sep 62

Technological and Constructional Problems Concerning  
Mechanized Harvesting of Sugar Beets, by T. Karwowski,  
100 pp.  
POLISH, per, Roczniki Nauk Rolniczych, Vol. LXVII,  
No 1, 1957, pp 1-100.  
OTS 60-21549  
PL-480

Sci - Agri  
Apr 64

253,262

Effect of Environmental Adhesive on the Viability of  
Seeds of Certain Species of Vegetation, by  
Marian Lityński, 1957  
POLISH JOURNAL OF POLYMER SCIENCE  
Ser A, No 2, 1957, pp 217-230.  
OTB 01-01235  
PL-480

Sci - Agric  
Jul 64

263,067

The Quantitative Method of Evaluating Rabbit  
Pelts, by Sylwester Kassowicz, 35 pp.  
POLISH, press, Roczniki Nauk Rolniczych, Vol LXXI,  
No 3, 1957, pp 469-532. 9221960  
SIXTYEIGHTOTS 60-21578  
PL-480

Sic - Biol & Med Sci  
May 64

257,695

Changes in Current Content of Nuclear Weapons in  
the Course of Their Development Presented by  
Z. Wieruszowski, 40 pp.  
POLISH JOURNAL OF POLITICAL SCIENCE, Vol LXXI,  
No 4, 1967, pp 567-611.  
OTE 68-31576  
PL-6430

Sci - Agrl  
Aug 64

264,110

Scallop Respiration and Spawning Metrics in Sea Trout  
(Salmo Trutta L.) From Polish Literature by  
Tadeusz Bachled, Roczniki Nauk Rolniczych, Vol. LXXIII,  
POLISH, part, Roczniki Nauk Rolniczych, Vol. LXXIII,  
Ser. B, No 2, 1958, pp 119-142.  
OTS Q-11357  
PL-480

Sci - Biol & Med Sci  
Nov 64  
Available From LY/Serials

2 269,138

The Problem of Plowing Speed, by H. Barnacki, 22 pp.  
POLISH, per, Roczniki Nauk Rolniczych, Vol LXVII,  
No 3, 1954, pp 357-361.  
OTS 60-21369  
PL-400

Sci - Agri  
Apr 64

253,363

The Problem of Stability of Mopane Implement, by  
H. Bernacki, 20 pp.  
POLISH, Eng., Rocznik Nauk Rolniczych, Vol LXVII,  
No 4, 1964, pp 419-509.  
OTS 60-21347  
PL-420

Sci - Agri  
Apr 64

233,264

POLISH AGRICULTURAL ANNUAL AND THE "ADVANCES IN AGRICULTURAL SCIENCES JOURNALS OF THE SECTION OF AGRICULTURAL AND FORESTRY SCIENCES OF THE POLISH ACADEMY OF SCIENCES: SELECTED ARTICLES. 1963, 93p.  
114 refs. PL-480 Agr.

Order from UTS \$0.50

60-21368

Transl. of *Kwoczniki Nauk Rolniczych. Seria B: [Zootechnika]* (Poland) 1955, v. 69, no. 3, p. 399-439; 1957, v. 71, no. 2, p. 223-249; no. 3, p. [399]-420; 1958, v. 72, no. 4, p. 545-563; *Postępy Nauk Rolniczych* (Poland) 1959, v. 6, no. 2, p. 61-73.

DESCRIPTORS: \*Agriculture, \*Forestry, \*Cystine, \*Fibers (Natural), \*Sheep, Mechanical properties, \*Transplantation, \*Eggs, Cells (Biology), Density, \*Fur, Animals, \*Reproductive system, Rhythm (Biology), Spark shadowgraph photography (Agriculture, TT, v. 10, no. 2)

(over)

60-21568

- I. PL-480 Agr  
(60-21568)
- II. National Science Foundation, Washington, D. C.

Office of Technical Services

Martini, Z.  
ON THEORIES CONCERNING OPERATION OF  
AGRICULTURAL IMPLEMENTS (Rozwazania  
Dotyczace Pracy Narzędzi Rolniczych) tr. by  
E. Straeburger. 19(2) [17] p. 29 refs. PL-450 Agr.  
Order from OTS \$0.50 (O-21542)

Trans. of Rocznik Nauk Rolniczych. Serial  
[E] [Mellioracj i Uzytkow Zielenych] (Poland) 1955,  
v. 71, no. 1, p. 17-71.

DESCRIPTORS: Agriculture, \*Machinery, \*Soils,  
\*Agricultural machinery

Analytical and graphic analyses are presented con-  
cerning the influence of tillage implements on the re-  
depositing of soil particles. Both the influence of  
vertical formation and rapidity of motion are taken  
into account. It is concluded that every implement  
(Agriculture, TT, v. 6, no. 4) (over)

60-21542

- I. Martini, Z.
- II. PL-450 Agr (O-21542)
- III. National Science Foundation,  
Washington, D. C.

Office of Technical Services

Displacement of Slope Soil Due to Plowing, by  
Wladyslaw Czyzak, 12 pp.

POLISH, per, Roczniki Nauk Rolniczych, Vol LXXI,  
Ser F., No 1, 1955, pp 73-83. 909/943

OSB 60-81536  
E-480

8  
Mar - Poland

211, 131

Recd

Sep 62

Nick Soils of Valley Peat Bogs and Their Chemical  
and Physical Properties, by Henryk Okruszko.

79 pp.

POLSKI, per, Roczniki Nauk Rolniczych, Vol 74-P-1,  
1960, pp. 5-89.

CPSTI TT 67-56119

scu/agriculture  
june 69

383,014

Some Physical and Water Properties of  
Thekuwasy Peatland, by Josef Szumiewicz.  
33 p.  
POLISH, per, Roczniki Nauk. Rolniczych, Ser.  
F., Vol 74, No 1, 1960, pp 113-145.  
\*CPSTI TT 66-57029

EE-Poland  
Sci/Earth Sci  
Feb 66

Soils of Warsaw Province, by A. Musierowicz.  
POLISH, por, Roczniki Nauk Rolniczych,  
Vol 75-D, pp 5-234, 1956.  
\*CPSTI TR 66-57016

EE-Poland  
Sci/Earth Sci  
Jan 66

Soils of Lodz Province, by A. Masierowicz,  
POLISH, bk, Roczniki Nauk Rolniczych, Vol  
LXXXVI, Ser D, 1960, pp 1-392.  
CPSTI TT 63-11361

EEur-Poland  
Geog  
Feb 67

318,289

Computing Evaporation by Retention Determination State Hydro-Meteorological Institute,  
by W. Stephan.

POLISH, per, Roczniki Nauk Rolniczych P.,  
Vol LXXI, 1956, pp 701-720.

MEDIA

Sci-~~entific~~ FORTN Dec. - 6.7. " "  
Mar 63

225,340

Preliminary Observations on Zig-Zag  
Clover (*Trifolium Medium L.*), by Maria  
Kownacka, 9 pp.

POLISH, par. Roczniki Muzeum Polonickich,  
Vol LXXXII, No 3, 1958, pp 1-6. 90497168

OM 60-21416  
PL-480

Soc - Biol  
Apr 62

189, 355

Temperature, Air Humidity and Ventilation of Livestock Sheds, by W. Borowski, 12 pp.

POLISH, per, Roczniki Nauk Rolniczych, Vol LXIV,  
Ser B., No 1, 1959, pp 135-154. 909/946

OTS 60-21572  
PL-480

211, 133

Sci - Biol

Sep 62

Slope Plowing and the Defense of Soil Against Erosion,  
by Adam Jankowski, 33 pp.

POLISH, per, Ročník Nauk Rolniczych, Vol LXXIII,  
Ser F, No 4, 1959, pp 679-712. 9087242

008 60-21541  
PL-480

EBur - Poland

201, 182

Econ

Jun 62

Determination of the Characteristic Humidity of Livestock Sheds, by W. Borowski, 8 pp.

POLISH, per, Roczniki Nauk Rolniczych, Vol LXXIV,  
Ser B., No 1, 1959, pp 199-208. 4097946

CM 60-21572  
PL-480

Sci - Biol

211, 132

Sep 62

Changes in Iodine Value of Cows' Milk, by Irene Lechner, 4 pp.

POLISH, per, Roczniki Nauk Rolniczych, Vol. LXXIV,  
Ser B., No 2, 1959, pp 375-378. 9091944

CM 60-21571  
M-480

Sed - Med

211, 142

Sep 62

M. Wiewiorowski

Investigations of Lupin Seed Proteins. Part II.  
The Level of Some Nitrogen Forms in the Seeds of  
*Lupinus Albus*, *Lupinus Luteus* and *Lupinus*  
*Angustifolius*.

EUROPEAN, per, Rocznik Nauk Rolniczych, Seria.  
Roslinne, Vol 79, 1959, pp 19-31  
CSIRO-Trans-10718  
NTC 72-13413-02A

Oct 72

The Influence of Low Doses of Amanita on  
Some Species of Higher Plants, by  
Helena Birecka, Wieslawa Szymanska, 12 pp.

POLISH, per, Roczniki Nauk Rolniczych,  
Vol LXXXIX, Ser A, No 3, 1959, pp 911-925  
92C7849

PL-480  
OTS 61-11326

Sci - Biol & Med Sci  
Jun 63

234,507

STUDY OF THE POSSIBILITY OF HETEROGENEAL BLOOD  
TRANSFUSION IN ANIMALS, BY K. MARKIEWICZ, Z.  
MARKIEWICZOWA, W. STANKIEWICZ, 3 PP.

POLISH, PER, ROCZNIKI NAUK ROLNICZYCH, SERIES  
E, VOL LXX, NO 1/4, 1960, PP 86-90.

NIH 8-39-62

SCI MED  
OCT 62

213,740

Evaluation of the Breeding Value of Bulls on the Basis  
of the Blood Leukocyte Pattern, Part II, by Stanisława  
Groblewska, 14 pp.

POLISH, per, Roczniki Nauk Rolniczych, Vol LXIV,  
Ser B., No 3, 1960, pp 283-299. 9091944

OSB 60-21571  
PL-480

211, 141

Sci - Med

Sep 62

<p>Platek, Jerzy. STUDIES OF NATIVE TOBACCO. I. SAND AND CONSTITUTIONAL SILICA IN SOME NATIVE RAW TOBACCOES AND TOBACCO PRODUCTS. [1962] 19p 20refs Order from SLA \$1.60</p> <p>Trans. of Roczniki Nauk Rolniczych. [Seria] A: [Rozlinne] (Poland) 1960, v. 81, no. 4, p. 1097-1107. Another trans. is available from K-II \$18.75 as K-H-11095-h [1962] 19p.</p> <p>(Agriculture--Plant Cultivation, TT, v. 11, no. 12)</p>	<p>TT-64-14569</p> <p>I. Platek, J. II. Title: Sand ...</p> <p>Office of Technical Services</p>	
---	---	--

Chemical Characteristics of the Upper Soil  
Layer of the Peat-Bogs, by Jerzy Chodan,  
POLISH, per, Roczniki Nauk Rolniczych, Ser A,  
Vol LXXX, No 4, 1960, pp 615-641.  
\*CFSI TT 67-56018

Sci-Agri  
Doc 66

Vegetation on Ruins, Ashes and Rubble in  
the City of Wroclaw, by R. Kostuch.

CZECH, per, Roczniki K Nauk Rolniczych,  
Vol LXXXIIa, No 2, 1960, pp 403-442.

CSIRO 5450

Sci  
Dec 62

<p>Krause, S., Janowski, H., and Mierzejewska, M. ADDITIONAL OBSERVATIONS ON THE VARIABILITY OF AVIRULENT ERYSIPHOLOTHRIX RHUSIOPATHIAE. II. COMPARISON OF STRAIN AV/R9 WITH NATIVE STRAIN ST 55. [1961] [18]. Order from SLA \$1.60      61-20402</p> <p>Transl. of [Rocznik Nauk Rolniczych, Ser B: Weterynarii (Poland) 1960, v. 69, no. 3, p. 413-427].</p> <p>Portions of this report will not reproduce well.</p> <p>DESCRIPTORS: *Actinomycetes, Growth, Antibodies, *Culture media, *Swine erysipelas, *Immunization, Serum, Antigen, Albumins.</p> <p>(Biological Sciences - Microbiology, TT, v. 7, no. 10)</p>	<p>61-20902</p> <p>I. Title: <i>Erysipholothrix</i> I. Krause, S. II. Janowski, H. III. Mierzejewska, M. IV. Title: Comparison ...</p> <p>Office of Technical Services</p>
---	--

<p>Staszewski, Jerzy and Wisniewski, K. PRELIMINARY STUDIES ON STRUCTURE OF TOBACCO CONSUMPTION IN POLAND. [1962] 74p. Order from K-H \$30.00 K-H-11203</p> <p>Trans. of Roczniki Nauk Rolniczych, Szcziala: [Rozlinna] (Poland) 1960, v. 81, no. 4, p. 975-990.</p> <p>DESCRIPTORS: *Tobacco, Consumption, *Poland, Economics.</p> <p>(Social Sciences, TT, v. 8, no. 4)</p>	<p>62-17641</p> <p>I. Staszewski, J. II. Wisniewski, K. III. K-H-11203 IV. Kresge-Hoker Science Library Associates, Detroit, Mich.</p> <p>Office of Technical Services</p>	
---	--	--

<p>G. J. Branicaw. TESTS DEALING WITH GAS EXCHANGE MEASUREMENT DURING THE FERMENTATION OF VIRGINIA TOBACCO IN WARBURG APPARATUS. [1962] 1 p. Order from K-H \$21.25 K-H 11151</p> <p>Trans. of Roczniki Nauk Rolniczych. Serial A. (Rzeszow, Poland) 1960, v. 51, no. 4, p. 1073-1084.</p> <p>DESCRIPTION: *Manometers, Gases, *Tobacco, Tests, *Fermentation.</p> <p>(Biological Sciences Library, TEL, v. 5, no. 4)</p>	<p>62-17357</p> <p>I. Gef. R. II. K-H-11151 III. Kresge-Houser Science Library Associates, Detroit, Mich.</p> <p>Office of Technical Services</p>
---	---

<p>Platek, J.: SAND AND CONSTITUTIONAL SILICA IN SOME NATIVE RAW TOBACCO AND TOBACCO PRODUCTS. pt. 1 of Studies of Native Tobacco. [1962] 19p. Order from K-H \$18.75 K-H-11095-h</p> <p>Trans. of Roczniki Nauk Rolniczych. [Serial A: [Roslinna] (Poland) 1960, v. 81, no. 4, p. 1097-1107.</p> <p>DESCRIPTORS: "Tobacco," "Silicon compounds, Dioxides, Sand.</p> <p>(Agriculture--Plant Cultivation, TT, v. 8, no. 8)</p>	<p>62-17582</p> <p>I. Platek, J. II. Title: Studies . . . III. K-H-11095-h IV. Krebs-Hooker Science Library Associates, Detroit, Mich.</p> <p>Office of Technical Services</p>	
---	--	--

Platek, Jerzy.  
NICOTINE IN CIGARETTES AND OTHER HOME-CROWN TOBACCO PRODUCTS PRODUCED IN  
1957. [1962] [15p] 9refs  
Order from SLA \$1.60

TT-64-14568

Trans. of Rocznik Nauk Rolniczych Seria A:  
Rochna] (Poland) 1960, v. 81, no. 4, p. 1109-1117.

Another trans. is available from K-H \$17.50 as  
K-H-11083-g [1962] 14p.

TT-64-14568

I. Platek, J.

(Chemistry--Analytical, TT, v. 11, no. 11)

Office of Technical Services

The Origin and Chemical Composition of Ferruginous  
Soil Concretions, by I. Siuta, Z. Gaweda.

PER, Roczniki Nauk Rolniczych, Vol LXXXIV,  
No 1, 1961, pp 15-34.

CSIRO/No 5698

Sci  
Jun 63

Manganese in the Major Shales of Louis Province,  
by A. M. M. G. T. and A. C. D. J. P. 27 pp.  
POLISH, pol., 12-14, 1961, p. 543-571.  
See A. N. 4, 1961, pp. 543-571.  
OTS Q-3125  
PL-480

Sci - Agric  
Jul 64

263,072

The Soils of the Voivodship of Lodz, by A.  
Musierowica, et al.

POLISH, per, Roczniki Nauk Rolniczych, Vol LXXXVI,  
Series D, 392 pp.

\*PL-480  
OTS 63-11361

Sc1

Jan 63

Participation of Microorganisms in the  
Decomposition of Roots and the Formation  
and Mineralization of Humus, by  
Jan Walczyna, 23 p.  
POLISH, por, Roczniki Nauk Rolniczych,  
Vol 75-F-3, 1962, pp 521-543.  
\*CPSTI TT 66-57032

EE=Poland  
Sci/Earth Sci  
Feb 66

Effects on Digestive Processes in Pigs of  
Different Amounts of Crude Fiber in the  
Ration, by F. Horszczaruk,  
POLISH, per, Roczniki Nauk Rolniczych, Vol  
LXXX-B-1., 1962, pp 5-22.  
CISTI TT 65-50502

Sci-B&H  
Nov 66

313,732

Length and Capacity of the Intestinal Tract  
and Rate of Passage of Digesta, by F. Morsz-  
ciaruk,  
POLISH, per,  Roczniki Nauk Rolniczych, Vol  
LXXX-B-2, 1962, pp 115-125.  
CFSTI TT 65-50502

Sci-B&H  
Nov 66

313,733

Decomposition of Crude Fiber in the Caeum,  
by P. Morszezak,  
POLISH, per, Roczniki Nauk Rolniczych, Vol  
LXXX-B-3, 1962, pp 333-342.  
CPSTI TT 65-50502

Sci-B&H  
Nov 66

313,734

The Effect of Organic Pollutants on the Activity of  
Microbes and Circulation of Food Materials in  
Water Reservoirs, by S. Włodzik.  
POLISH, per, Zeszyty Nauk Politechnicznych, Vol 81,  
No 2, 1942.  
0079-00-00000  
PL-100  
CFSTI - 65-50503

EE-Poland  
Sci/Earth Sci  
May 65

Food and Growth of Carp Fry and the Dynamics of  
Food Animals, by A. Gurnada, P. Wolny.  
POLISH, par, Roczniki Nauk Rolniczych, Vol 81,  
No 2, 1962.  
\*CFSTI-65-50503  
PL-480  
\* CFSTI - 65 - 50503

EE-Poland-  
Sci/B&M  
May 65

The Influence of Increasing the Density of Stocked Fish  
Population on the Growth and Survival of Carp Fry,  
by P. Wolny.  
POLISH, per, Rocznik Nauk Rolniczych, Vol 81,  
No 2, 1962.  
OVERSTOCKED  
PL-680  
\*CFSTI - 65-50503

EE-Poland  
Sci/B&M  
May 65

The Nature of Development of Crustacean Plankton  
in Fertilizing Ponds Organically Fertilized,  
by J. I. Rybak.  
POLISH, per. Rocznik Nauk Rolniczych, Vol 81,  
No 2, 1962.  
SOMETHING  
PL-600  
X CFSTI - 65-50503

EE-Poland  
Sci/B&M  
May 65

The Use of Purified Town Sewage for Fish Rearing,  
by P. Wolsz.  
POLISH, per, Soczewki Nauk Rolniczych, Vol 81,  
No 2, 1962.  
COUNTRY CODE 30003  
PL-489

CFSTI - 65-50503

EE-Poland-  
Sci/ B&M  
May 65

Fish Offals in Pig Feeding Part 3, by  
Czeslaw Lewicki.  
POLISH, per,  Roczniki Nauk Rolniczych, Vol 83-  
B-1, 1963, pp 135-143.  
CPSTI TT 66-57057

Sci/Agri  
Jul 67

331,387

The Typology of Soils of Loess Origin, by  
A. Musierowicz, K. Konecka-Betley, 60 pp.  
POLISH, per, Roczniki Nauk Rolniczych, Vol 104,  
Ser D, 1963, pp 5-64.  
NTIS TT 70-55041

April 71

Trans. of Roczniki Państwowego Zakładu Higieny  
(Poland) 1951, v. 2, p. 139-160.

**DESCRIPTORS:** \*Tobacco, \*Smokes, Cigarettes,  
\*Chemical analysis, Absorption, \*Respiratory system

(Biological Sciences • Pathology, TT, v. B, no. 9)

62-17449

I. Laskowski, K.  
II. K-II-3759-a  
III. Kresge-Hooker Science  
Library Associates, Detroit,  
Mich.

**Office of Technical Services**

Zinc and Iron Content of Some Brands of Polish  
Canned Fish & the Control of Production Cycles  
in Canning and Preserving Fish, I-II, by J.  
Wieruchowski, et al.

POLISH, per, Roczniki Państwowego Zakładu Higieny,  
1957, Vol VI, No 5, pp 421-433; 1959, Vol XI, No 4,  
pp 392-400, Vol XI, No 4, pp 329-334.

\*PL-430

- 13 - 11/17/62

Sci  
Jul 62.

Control of Film Processing Stages. I.  
Working in GLI, by J. Wierzbowski,  
J. Czarnowska, 9 pp.  
WILNA, 1947, Rocznik Państwowego  
Zakładu Wydawniczego, Warsaw 1959, Vol. IV,  
No. 4, pp. 385-402.  
CIA 63-11433

273,756  
273,756

Studies on the State of Nutrition of a Group  
of Young People at One of the Boarding Schools,  
in Warsaw, by A. Szczęsny, K. Pułlik-Pankiewicz,  
A. Mądrońska-Lisicka, S. Kiedrzy, 18 pp.

POLISH, per, Bocznik PZH, Vol X, No 5, 1959,  
pp 413-421.

MIR 10-40-60

Sci - Med  
Dec 60

133,939

Mroczkowski, S. and Ziombek, H.  
CHEMICAL AND BIOCHEMICAL CHANGES IN LARD  
USED FOR COMMERCIAL DEEP-FAT FRYING OF  
DOUGHNUTS AND FRITTERS. PT. I. CHEMICAL  
CHANGES. [1963] 7p.  
Order from ATS \$11.50

ATS-19Q71P

Trans. of Roczniki Państwowego Zakładu [Higieny]  
(Poland) 1962, v. 13, no. 2, p. 175-182.

DESCRIPTORS: Chemical reactions, Biochemistry,  
\*Fats, Kitchen equipment and supplies, Bakery  
products.

(Food, TT, v. 10, no. 10)

63-22184

- I. Title: Lard
- II. Mroczkowski, S.
- III. Ziombek, H.
- IV. Title: Chemical...
- V. Associated Technical Services, Inc.,  
East Orange, N. J.

Office of Technical Services

Effects of Protein Quality in Diet on Vitamin A  
Content in Liver, Kidney and Blood Serum of Rats,  
by B. Fiedor & J. P.  
POLISH JOURNAL OF MEDICAL SCIENCES, Vol. XIV, No. 1, 1963.  
PL-400  
OTS 63-1487/6

Sci - Biol & Med Sci  
Aug 64

264,207

Methods for Detection and Identification of Pseudomonas  
Archromobacter and Related Groups, by H. Durzynska.  
POLISH, per, Bocki Panst Zakl. Nig., No 15, 1964, v 39  
GB 352, 268

Sci -  
Aug 67

336,756

English Title Unknown, by J. Szarski and T.  
Wazewski,  
POLSKI, PCR, Rocznik Polskie Towarzystwo Matematyczno Annales, Vol XX, 1947 (1948),  
pp 1-6.  
\*NASA

Sci-  
Oct 66

Probability of Phenomena Which Arise Independently  
Within a Given Time Period Having Stochastic Duration,  
by M. Olenski, 10 pp.  
POLISH, per, Roczniki Politechniki Towarszystwa Mathe-  
matycznego Seria II, Prace Matematyczne, Vol IV,  
1960, pp 1-7. 9225311  
AEC-SC-T-64-1603

Sci-Math  
Dec 64

270,0472

(FDD 22202)

Part III - List of Industrial Enterprises  
From the Polish Book "Industrial Yearbook  
of Poland," Section XIII - Textile Industry,  
264 pp.

POLISH, bk, Rocznik Przemyslu Odrodzonej  
Polski, Vol II, Warsaw, 1948,

CIA/FDD/U-7011

EEur - Poland  
Econ - Chemistry industry plants  
CTB 68/May 55

25,567

— | —

(FDD 22205)

Part III - List of Industrial Enterprises  
From the Polish Book "Industrial Yearbook of  
Poland," Section IV - Food Industry, 599 pp.

POLISH, bk, Ekonomik Przemyslu Obrabianego,  
Polski, Vol II, 1940, 1940,

CIA/RDP/0-6945

EBur - Poland  
Econ - Chemistry industrial plants  
CRB 68/May 75

25,266